

2007

# Injury-related Hospital Discharges

## MA Youth & Young Adults, Ages 15-24 Years

There were **4,804** injury-related hospital discharges among Massachusetts youth ages 15-24 in FY2007, a rate of 530.1 per 100,000 youth. Poisonings and motor vehicle traffic-related injuries were the leading causes of injury-related hospitalization for this age group.

INJURY CAUSE	INJURY INTENT					Total Count	Percent of Total Count	Crude Rate per 100,000
	Uninten- tional	Intentional		Undeter- mined	Other & Legal			
		Self- inflicted	Assault					
Cut/pierce	93	137	215	2	0	447	9.3	49.3
Drowning/submersion	2	0	0	0		2	0.0	0.2
Fall	525	9	1	4		539	11.2	59.5
Fire/burn	37	1	1	1		40	0.8	4.4
Firearms	12	1	203	6	3	225	4.7	24.8
Machinery	18					18	0.4	2.0
Natural/environmental	65	1		0		66	1.4	7.3
<i>Dog bites</i>	12	0		0		12	0.2	1.3
<i>Other bites &amp; stings</i>	36	0		0		36	0.7	4.0
<i>All other (e.g. extreme cold)</i>	17	1		0		18	0.4	2.0
Overexertion	81					81	1.7	8.9
Poisoning	242	708	0	86	0	1,036	21.6	114.3
Struck by, against	220	0	196	0	2	418	8.7	46.1
Suffocation/hanging	16	9	1	1		27	0.6	3.0
Transport Injuries:	1,165	5	0	1	0	1,171	24.4	129.2
<i>Motor vehicle traffic-related</i>	980	5	0	1	0	986	20.5	108.8
<i>Occupant</i>	747					747	15.5	82.4
<i>Motorcyclist</i>	93					93	1.9	10.3
<i>Pedal cyclist</i>	34					34	0.7	3.8
<i>Pedestrian</i>	89					89	1.9	9.8
<i>Other person</i>	3					3	0.1	0.3
<i>Unspecified person</i>	14					14	0.3	1.5
<i>Pedal cyclist, other</i>	42					42	0.9	4.6
<i>Pedestrian, other</i>	8					8	0.2	0.9
<i>Other transport</i>	135					135	2.8	14.9
Other specified & classifiable	170	3	33	0	0	206	4.3	22.7
Other specified, not classifiable	66	23	56	10	2	157	3.3	17.3
Unspecified	105	6	31	0	0	142	3.0	15.7
Adverse Effects						62	1.3	6.8
No cause or intent provided						167	3.5	18.4
TOTALS	2,817	903	737	111	7	4,804	100.0	530.1
Injury Hospitalization Rate by Intent	310.9	99.7	81.3	12.2	0.8	n/a	n/a	n/a

Source: MA Hospital Discharge Database, MA Division of Health Care, Finance and Policy.

—Analysis is based on a fiscal year (Oct 1, 2006- Sep 30, 2007).

—Rates are per 100,000 residents. Rates are not calculated on counts of less than five, and those based on counts less than twenty may be unstable.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data" based on ICD-9 codes. This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized and counts are excluded from the overall totals.

—Questions regarding the data presented here can be directed to the Injury Surveillance Program, MA Dept. of Public Health (617) 624-5648.

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